

FIG. 1A
(PRIOR
ART)

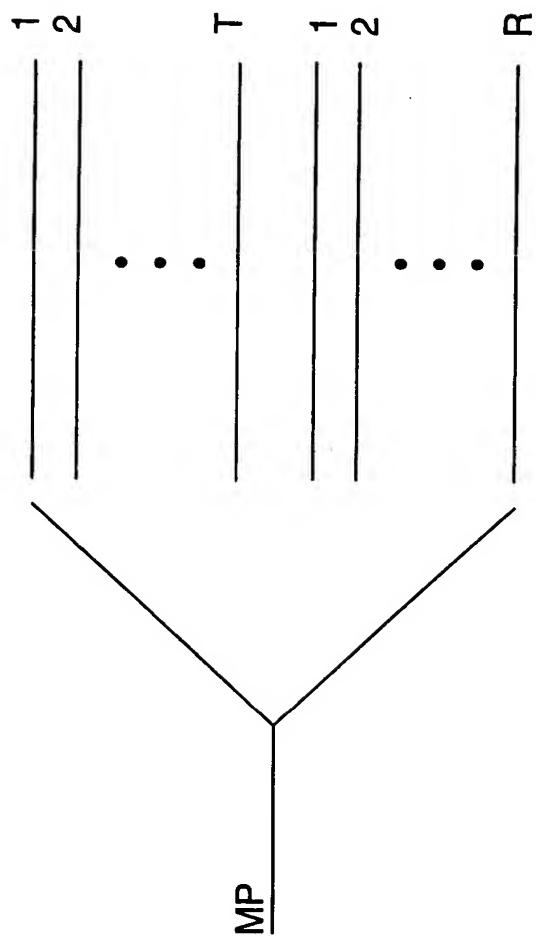


FIG. 1B
(PRIOR ART)

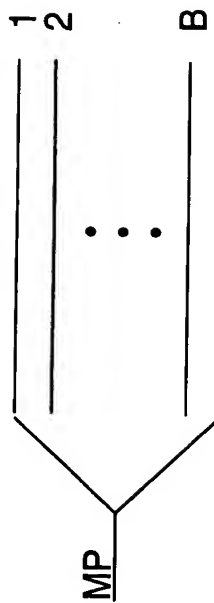


FIG. 1C
(PRIOR ART)

4X4 DIAGONAL FOLDED MESH

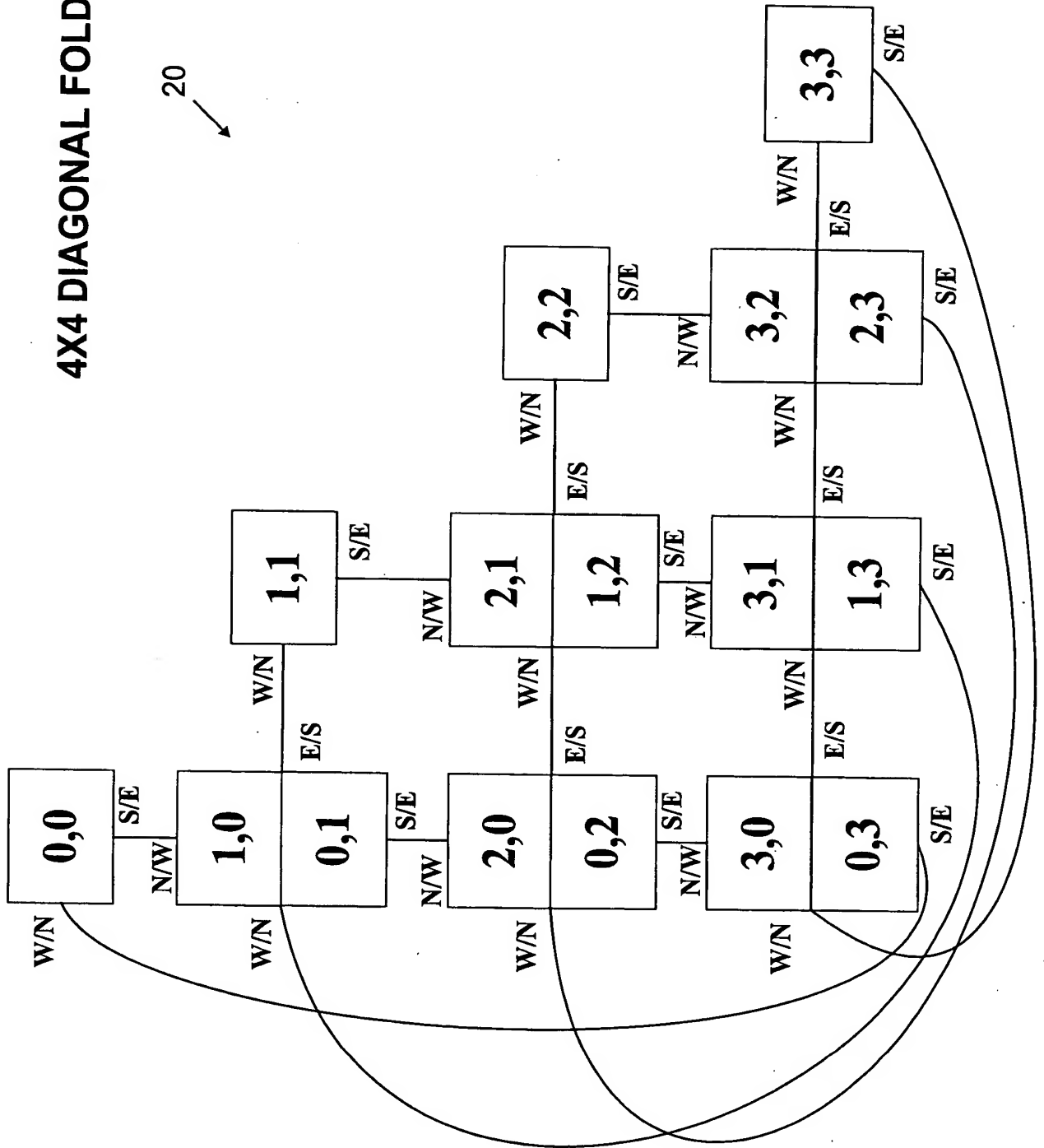


FIG. 2
(PRIOR
ART)

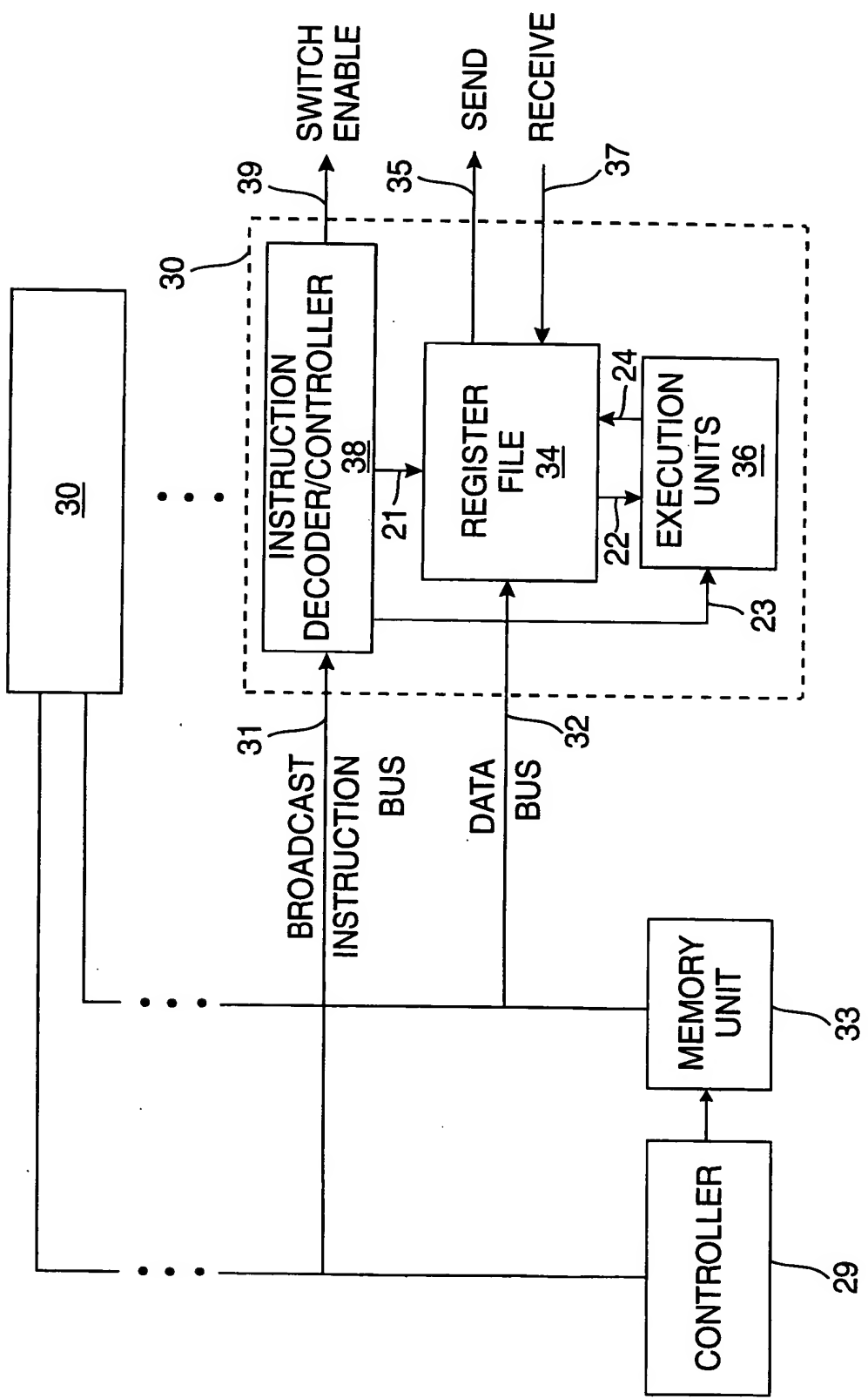


FIG. 3A

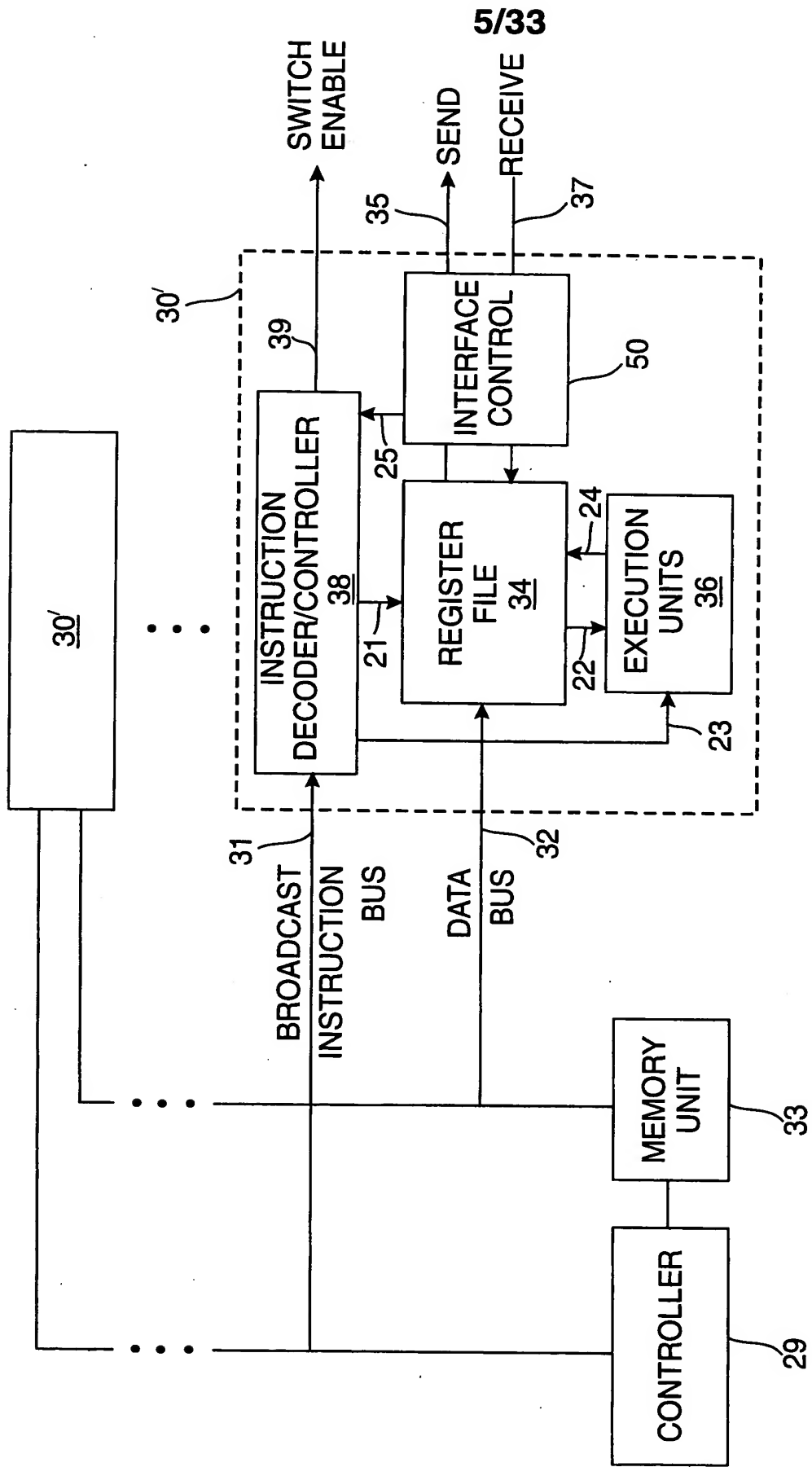


FIG. 3B

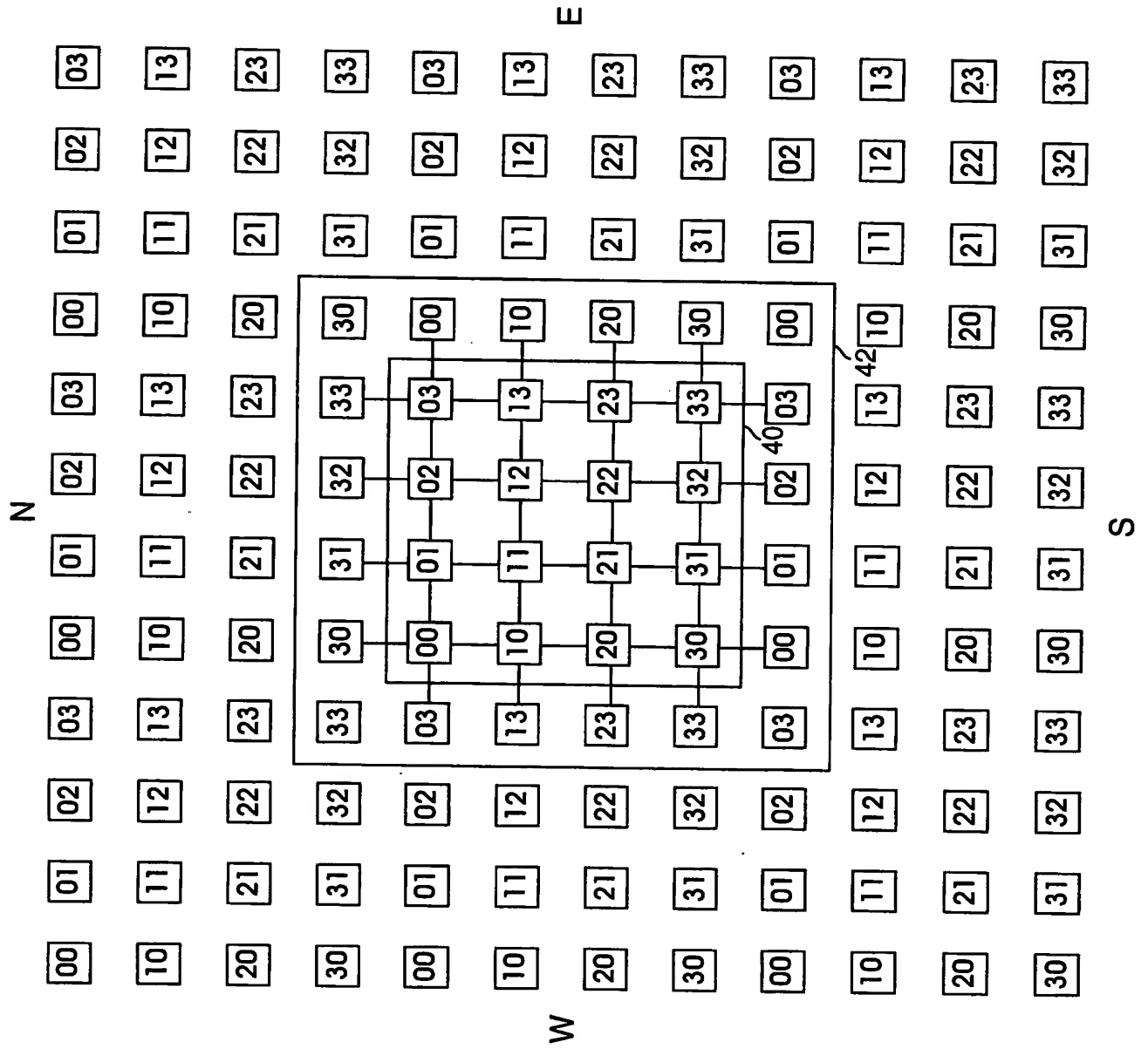


FIG. 4

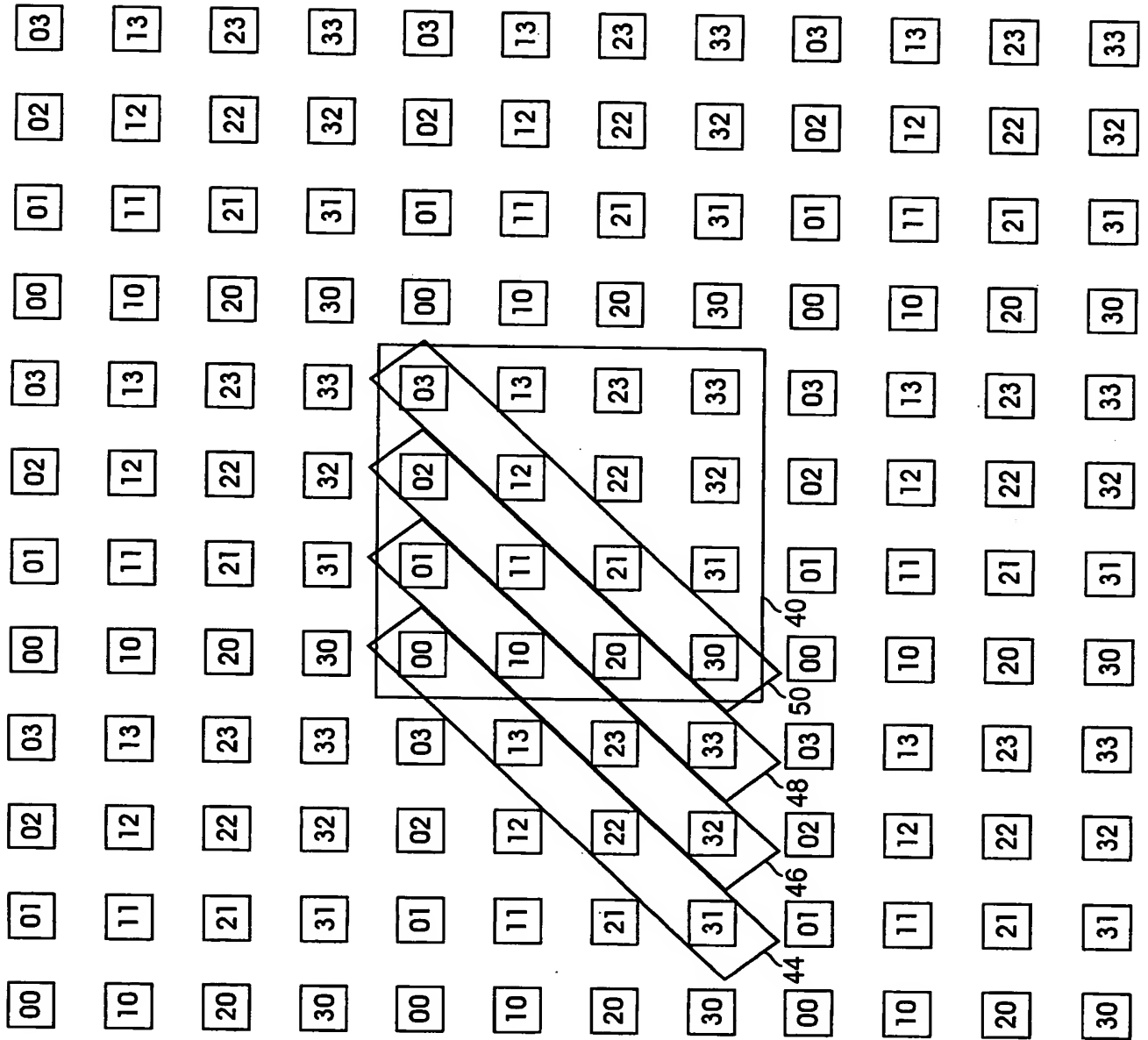
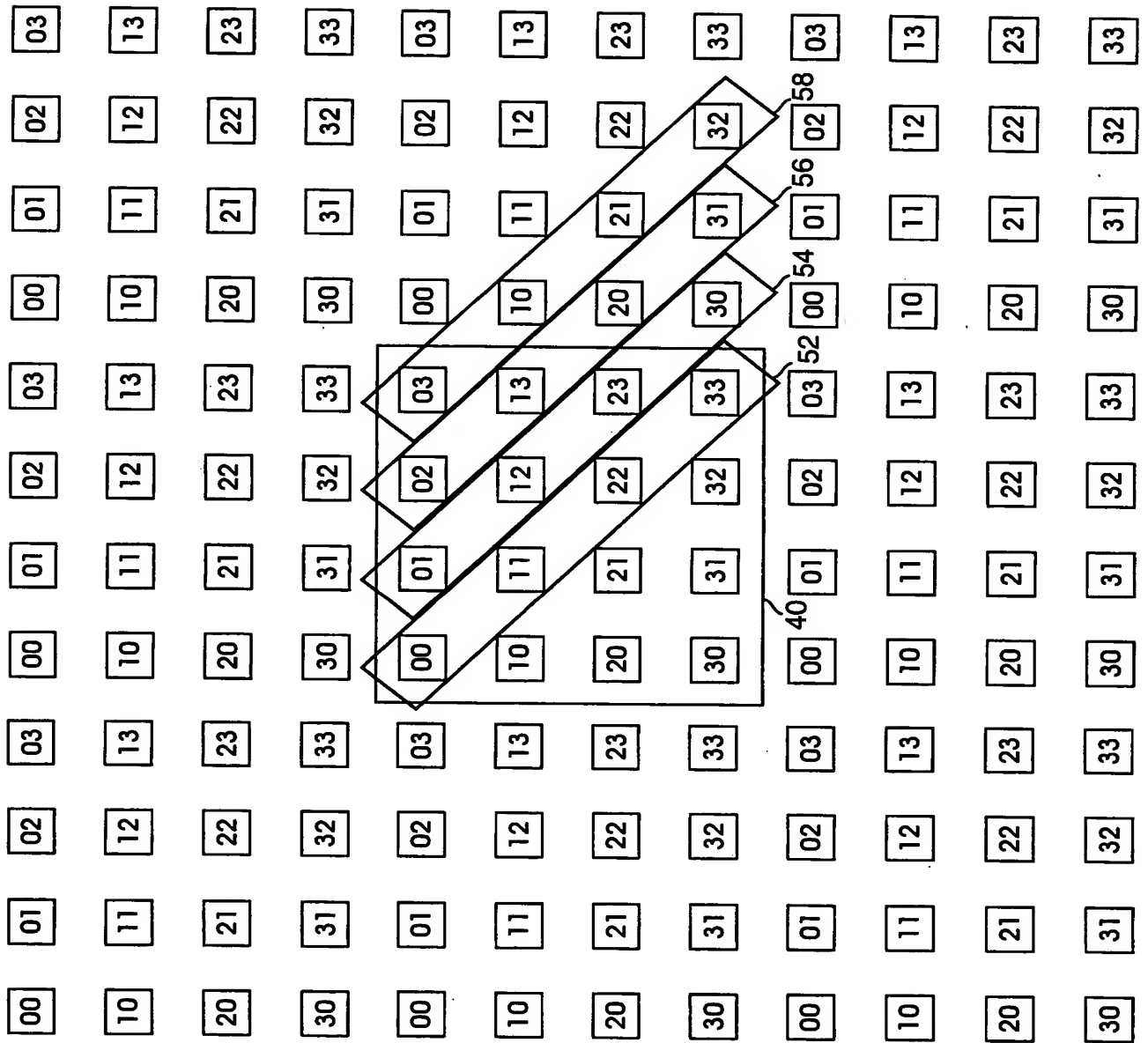


FIG. 5A



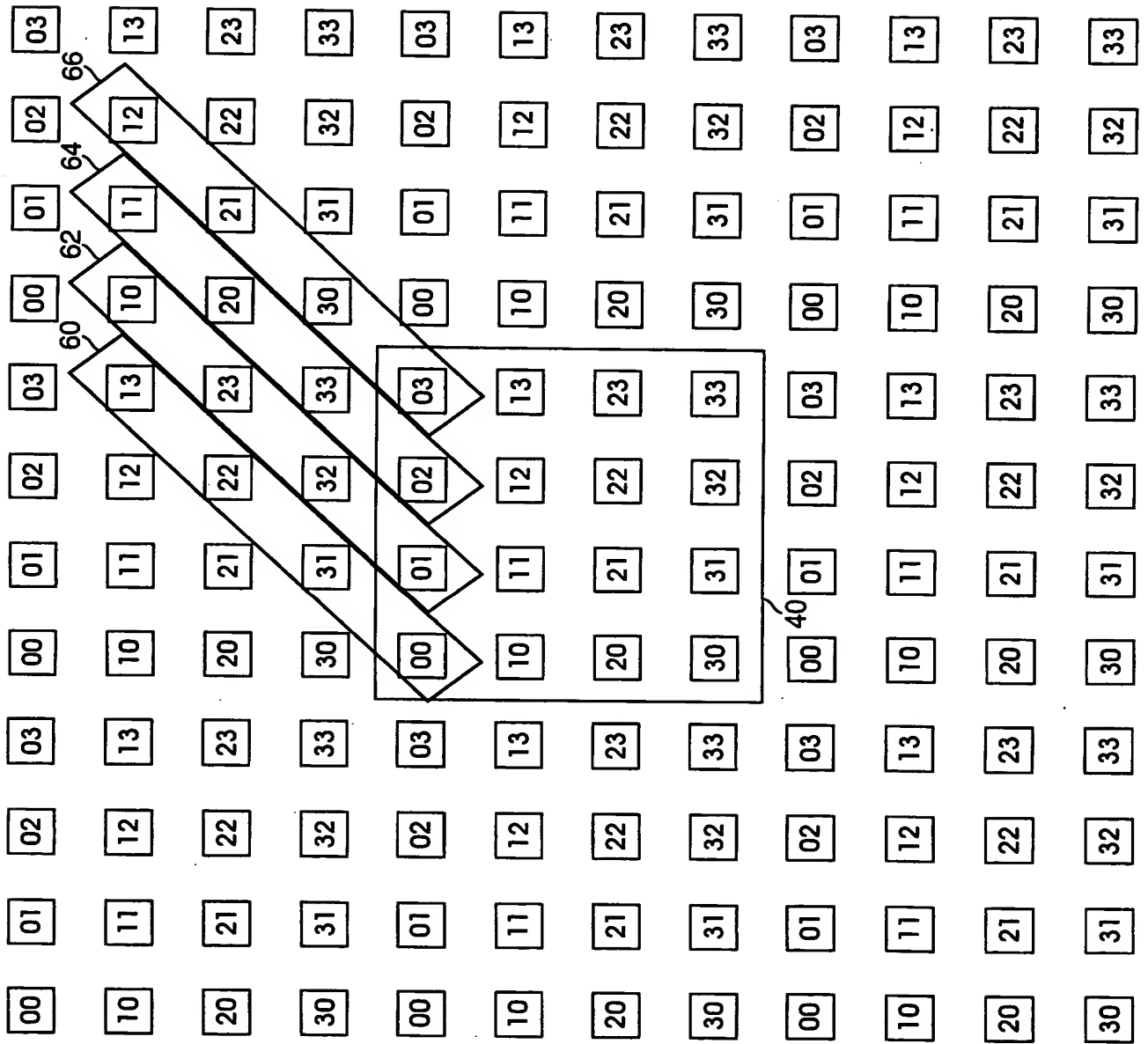


FIG. 5C

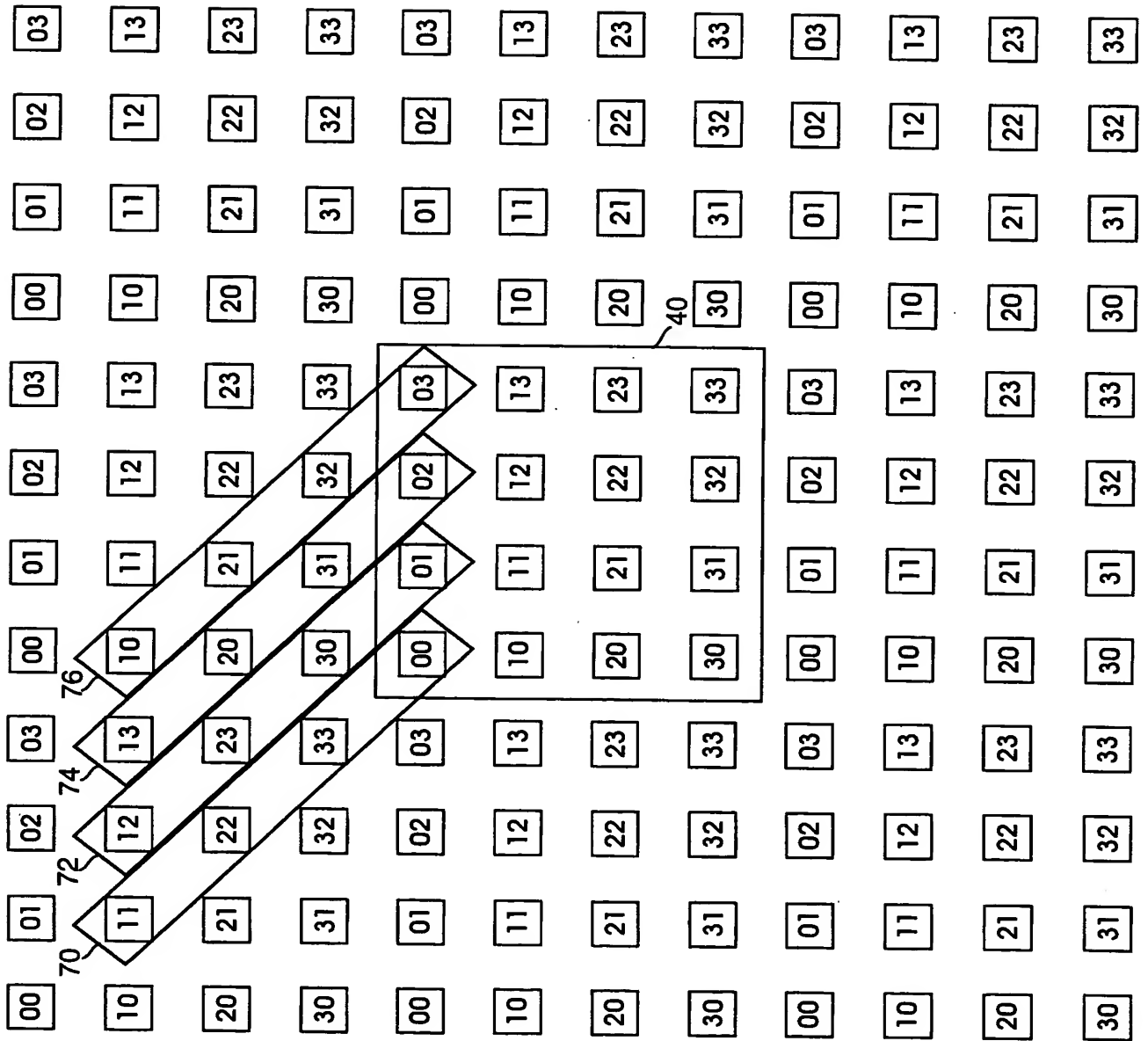


FIG. 5D

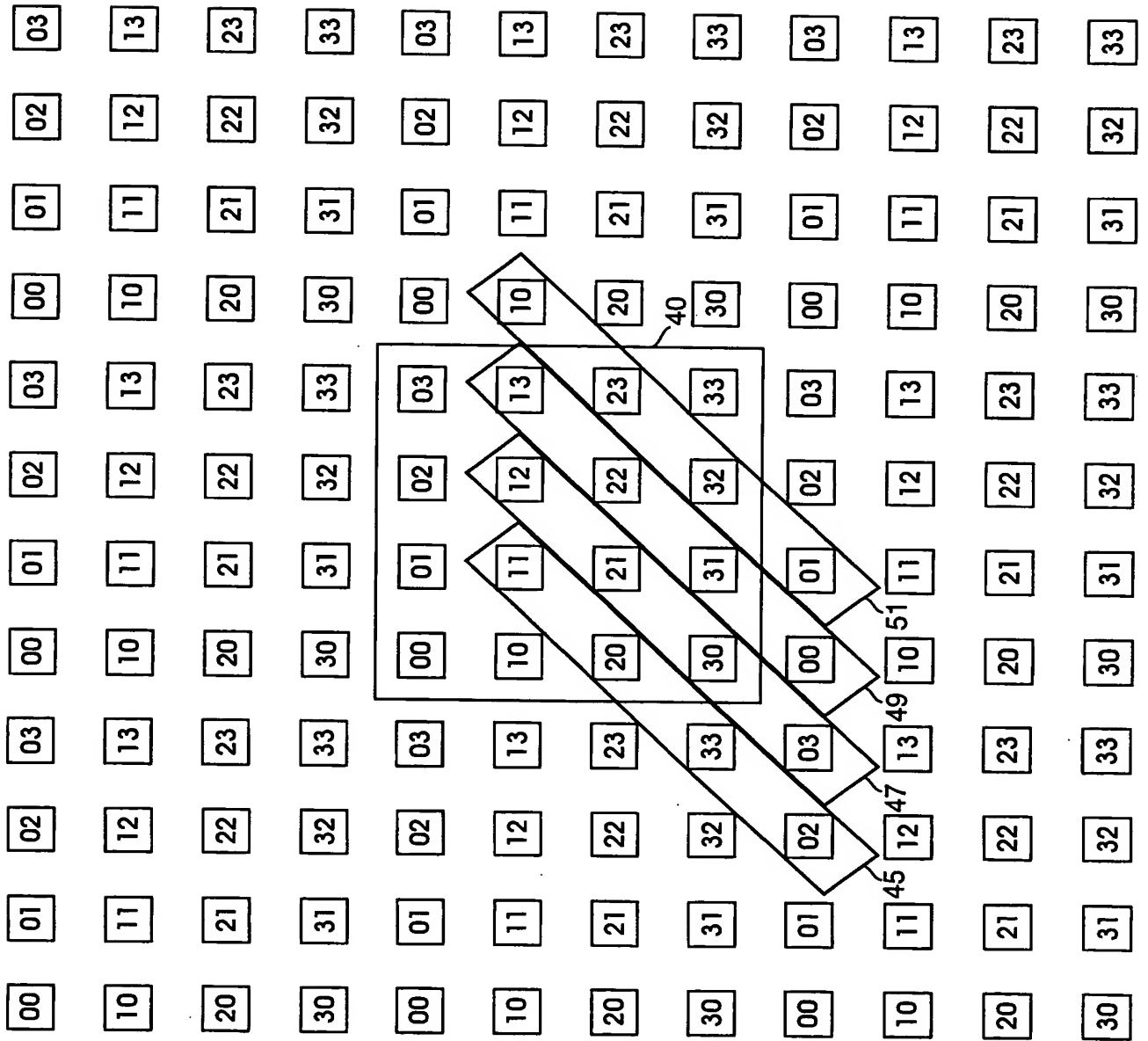


FIG. 5E

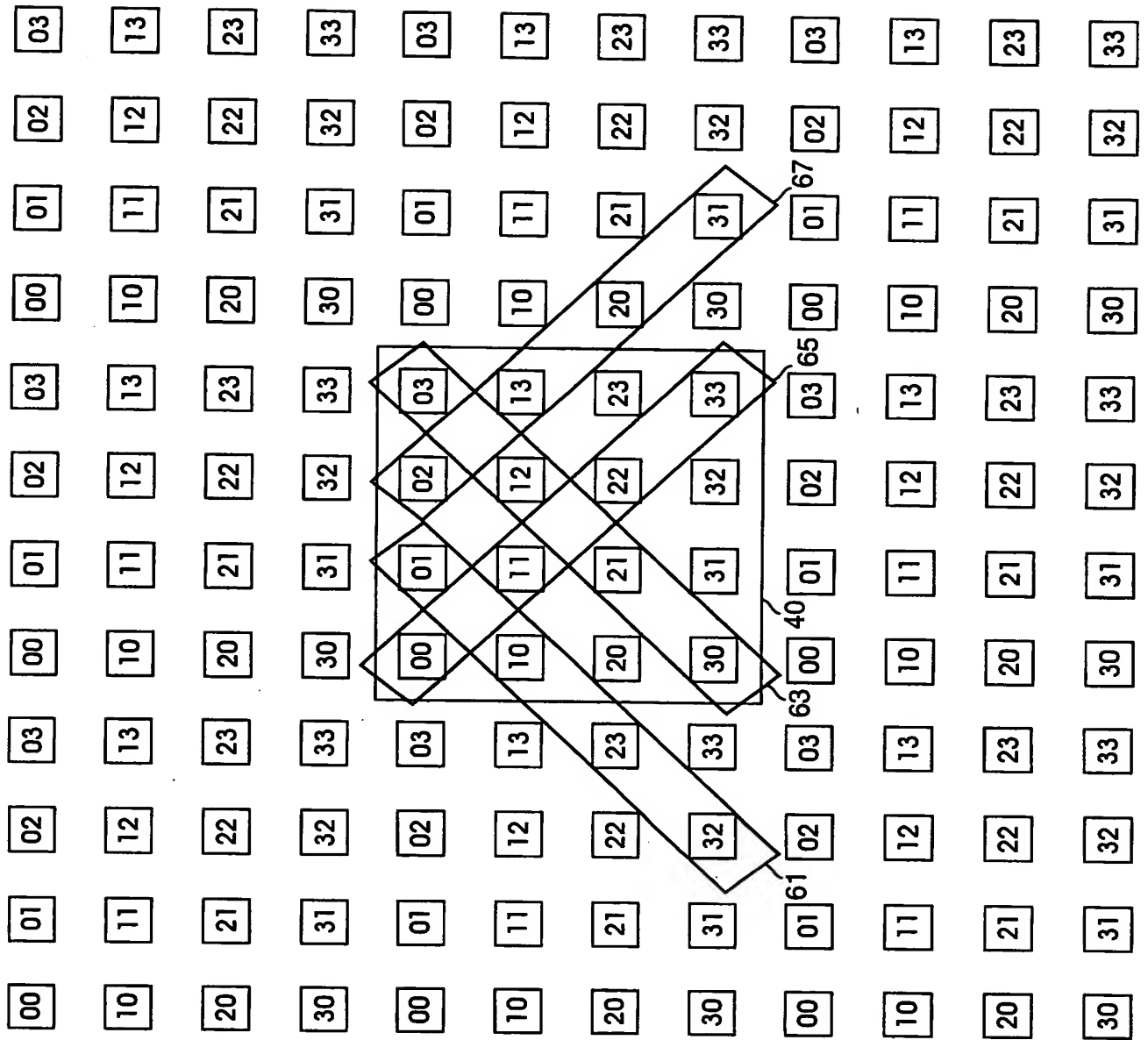


FIG. 5F

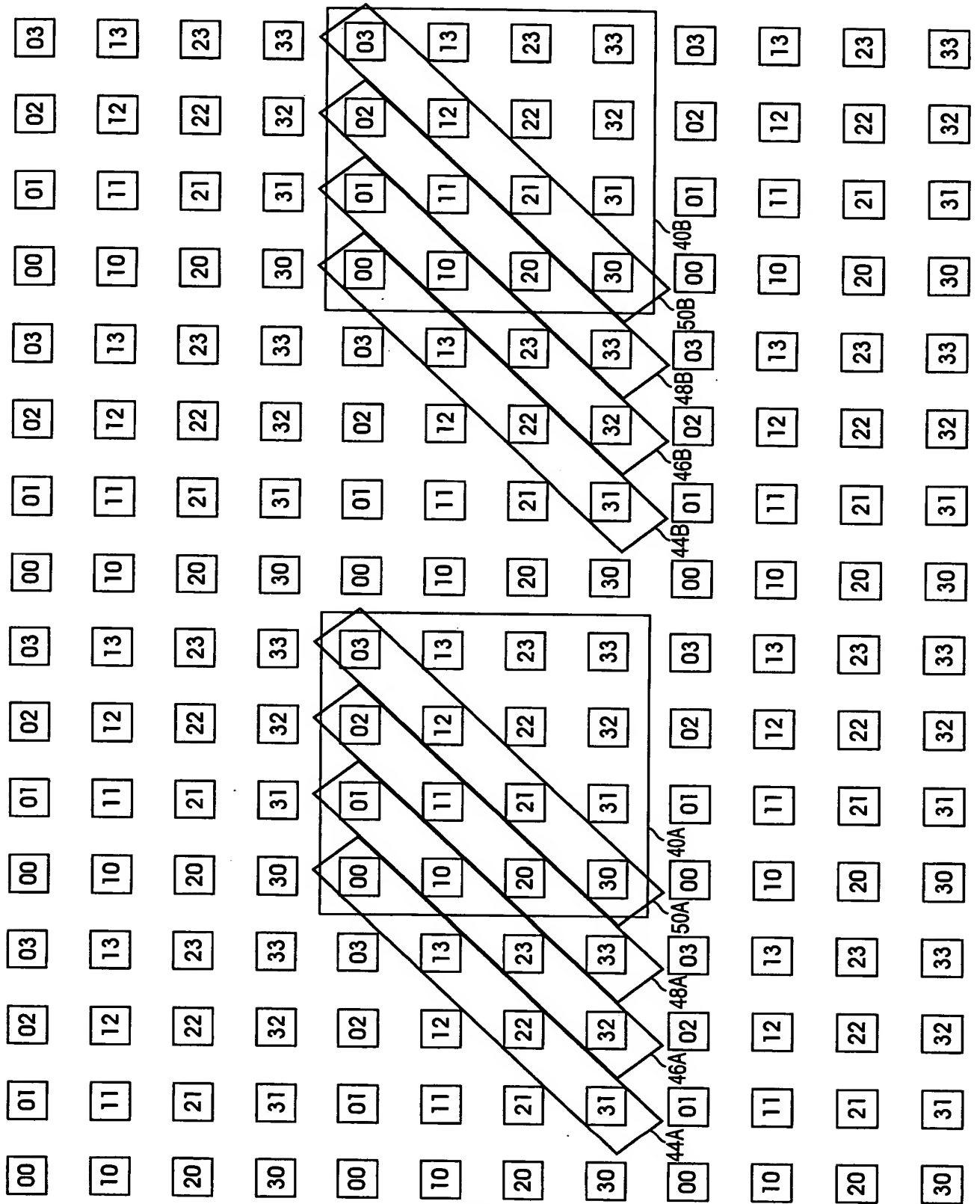


FIG. 5G



FIG. 6

00	01	02	00	01	02	00	01	02
10	11	12	10	11	12	10	11	12
20	21	22	20	21	22	20	21	22
00	01	02	00	01	02	00	01	02
10	11	12	10	11	12	10	11	12
20	21	22	20	21	22	20	21	22
00	01	02	00	01	02	00	01	02
10	11	12	10	11	12	10	11	12
20	21	22	20	21	22	20	21	22
00	01	02	00	01	02	00	01	02
10	11	12	10	11	12	10	11	12
20	21	22	20	21	22	20	21	22

FIG. 7

00	01	02	03	04	00	01	02	03	04	00	01	02	03	04
10	11	12	13	14	10	11	12	13	14	10	11	12	13	14
20	21	22	23	24	20	21	22	23	24	20	21	22	23	24
00	01	02	03	04	00	01	02	03	04	00	01	02	03	04
10	11	12	13	14	10	11	12	13	14	10	11	12	13	14
20	21	22	23	24	20	21	22	23	24	20	21	22	23	24
00	01	02	03	04	00	01	02	03	04	00	01	02	03	04
10	11	12	13	14	10	11	12	13	14	10	11	12	13	14
20	21	22	23	24	20	21	22	23	24	20	21	22	23	24
00	01	02	03	04	00	01	02	03	04	00	01	02	03	04
10	11	12	13	14	10	11	12	13	14	10	11	12	13	14
20	21	22	23	24	20	21	22	23	24	20	21	22	23	24
00	01	02	03	04	00	01	02	03	04	00	01	02	03	04
10	11	12	13	14	10	11	12	13	14	10	11	12	13	14
20	21	22	23	24	20	21	22	23	24	20	21	22	23	24

FIG. 8

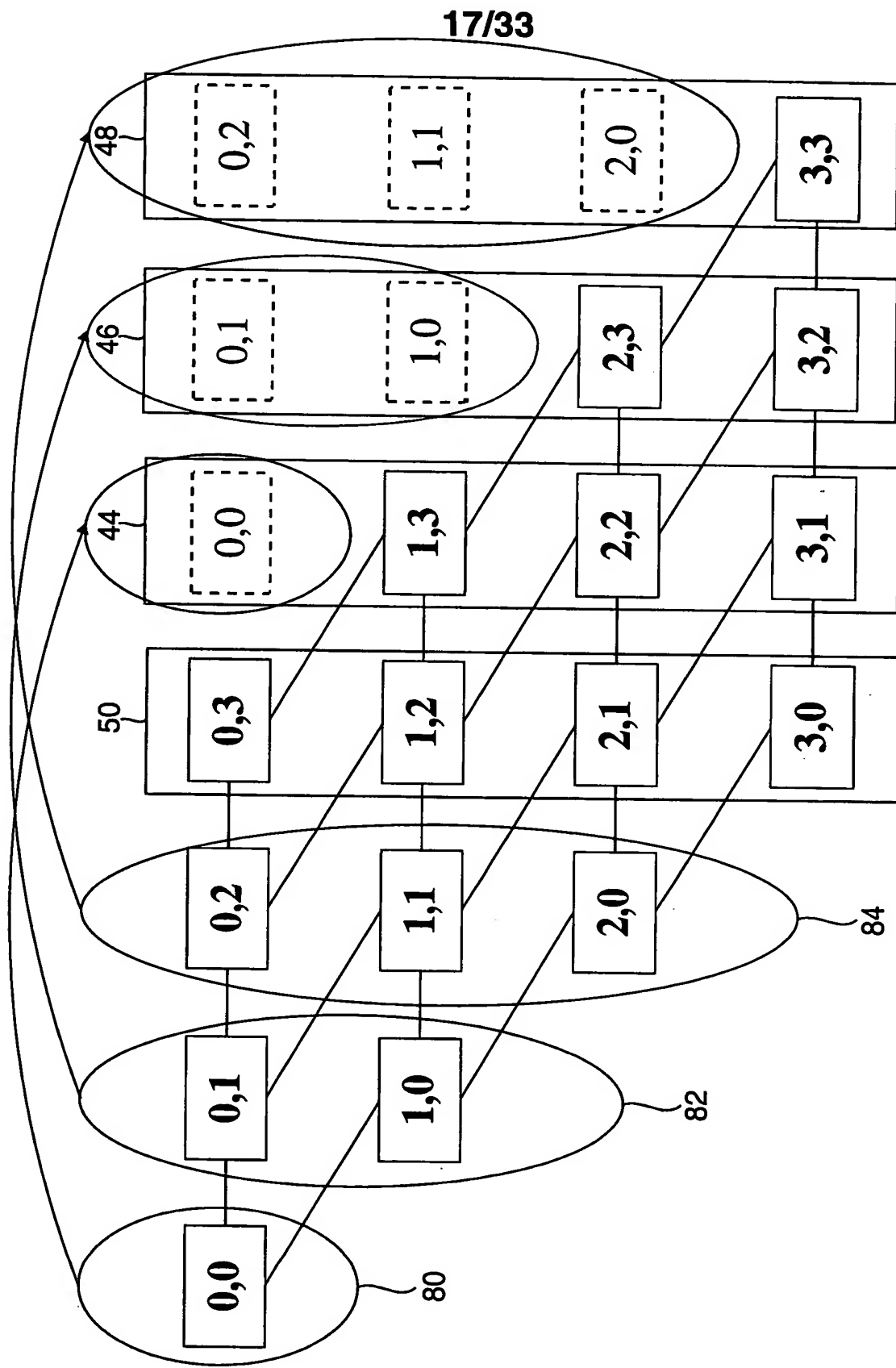


FIG. 9

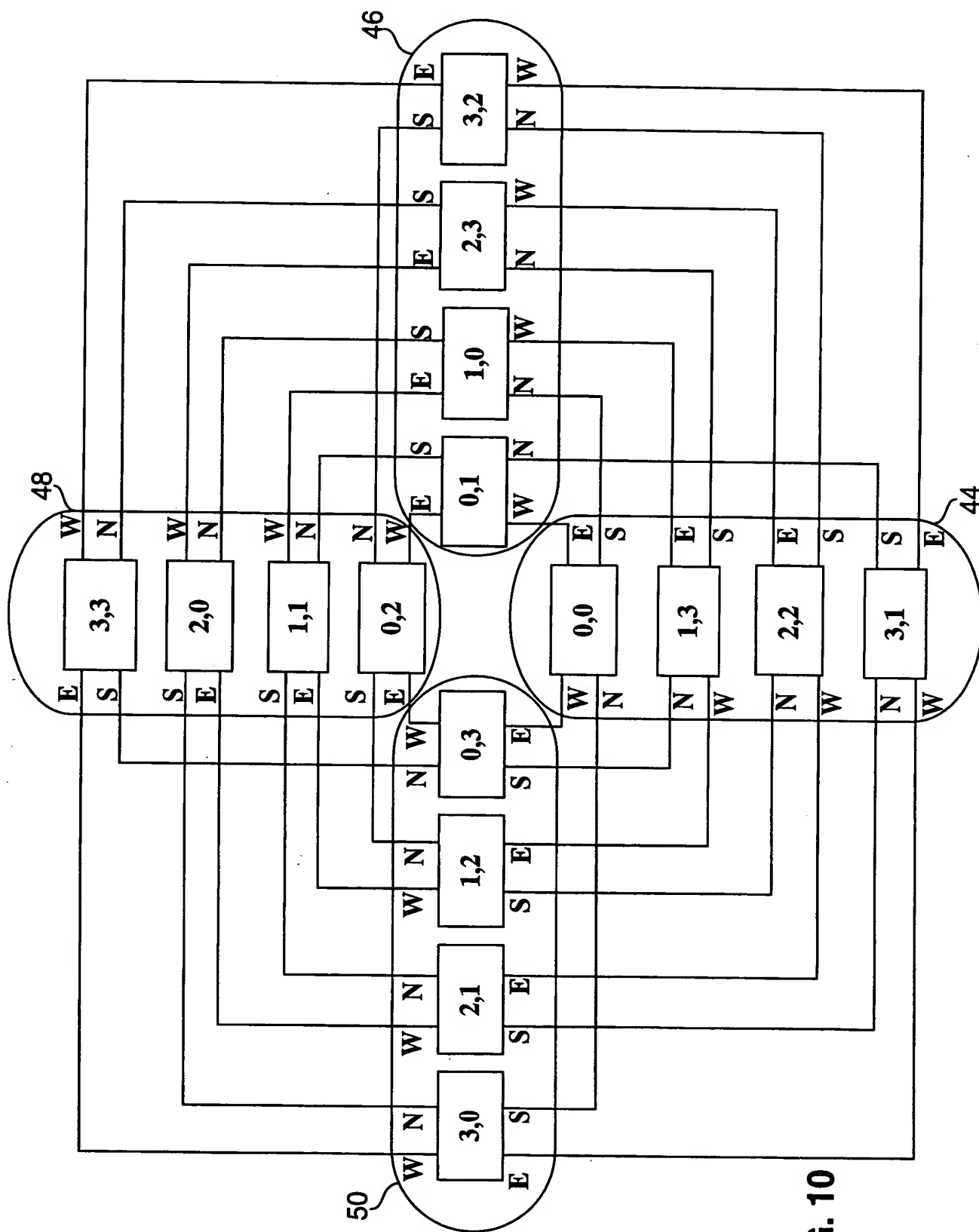
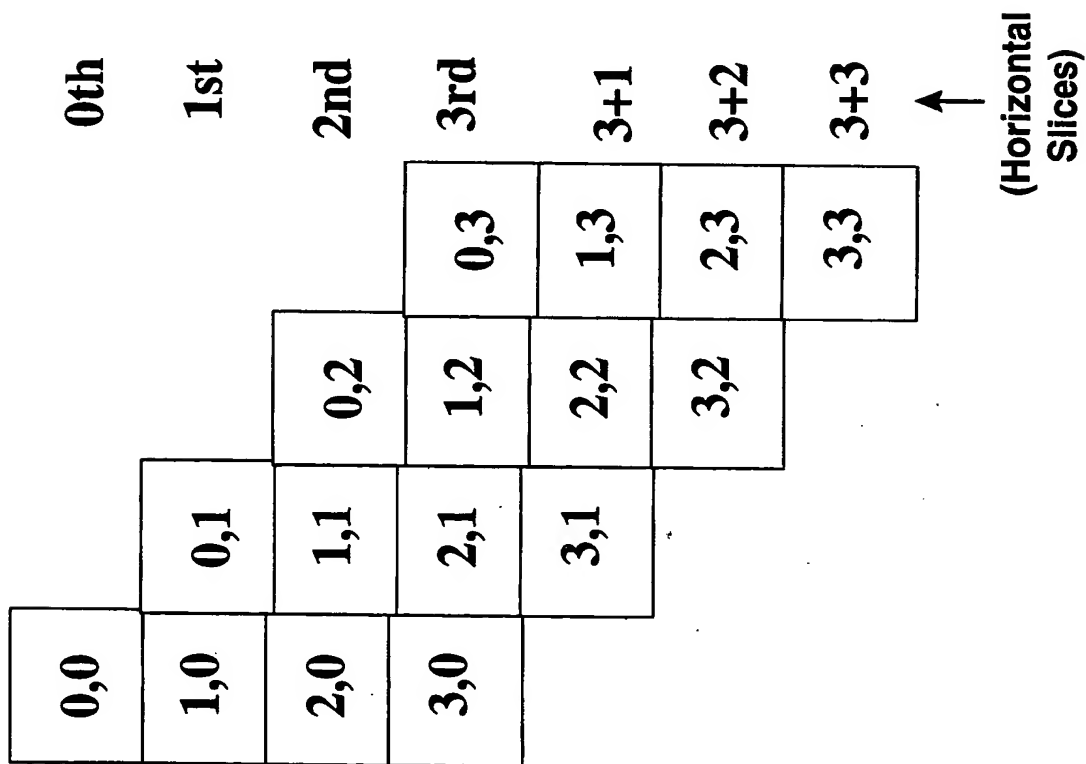
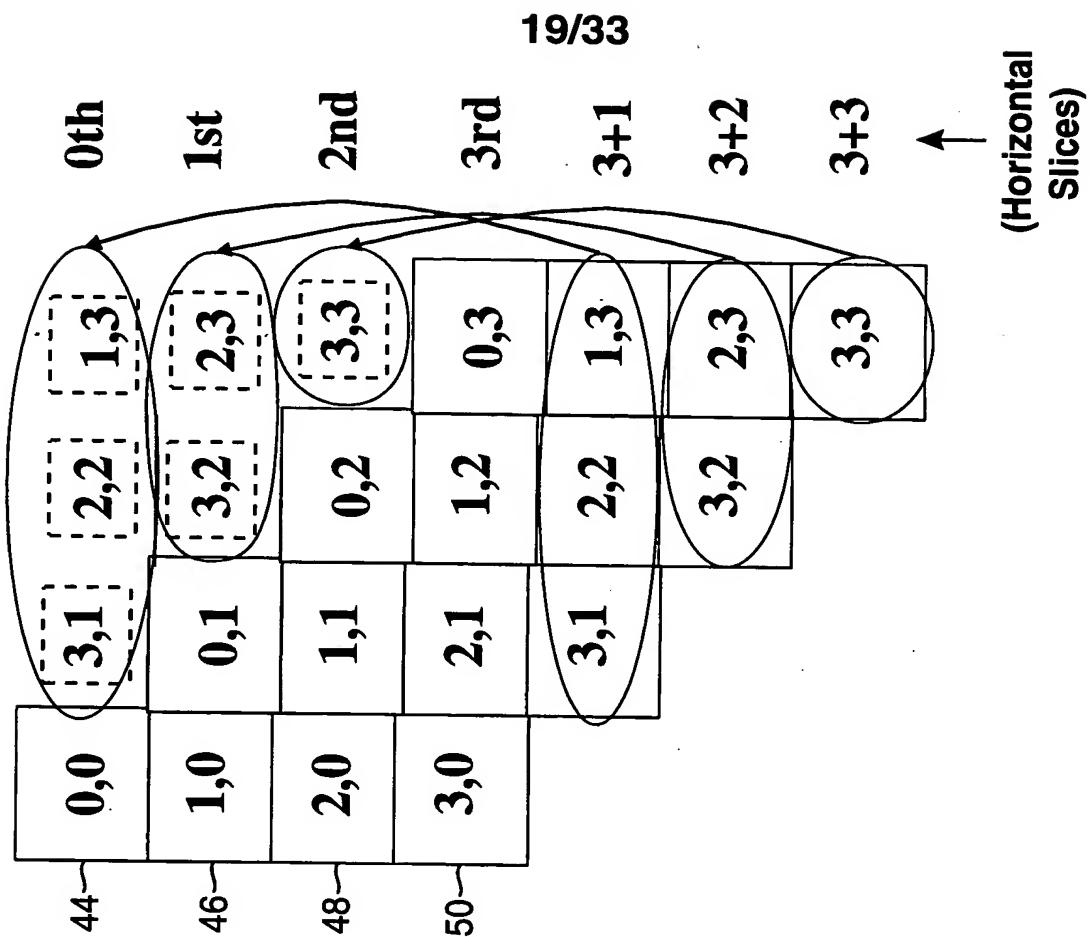


FIG. 10



4x4 Rhombus

FIG. 11A



4x4 Rhombus

FIG. 11B

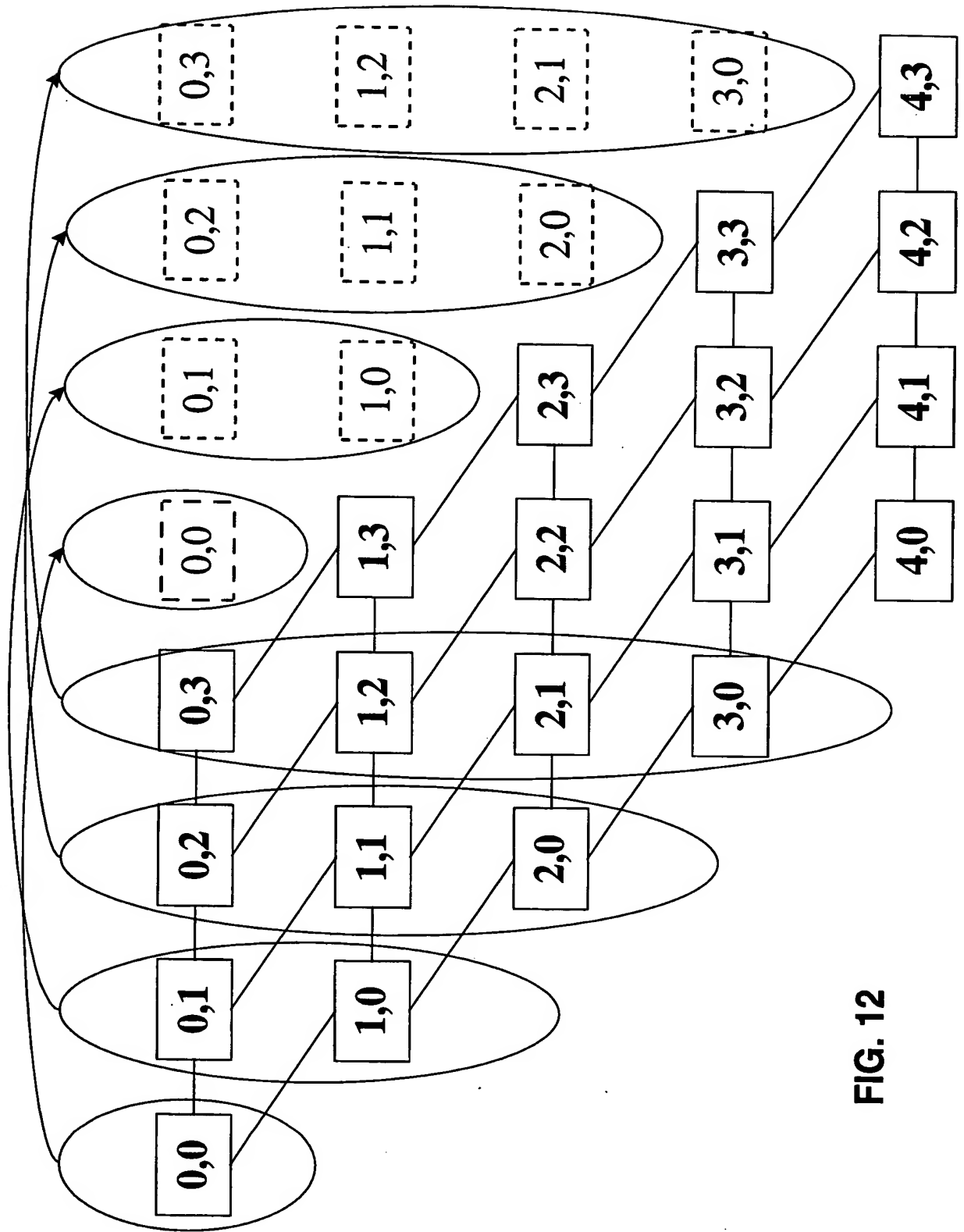


FIG. 12

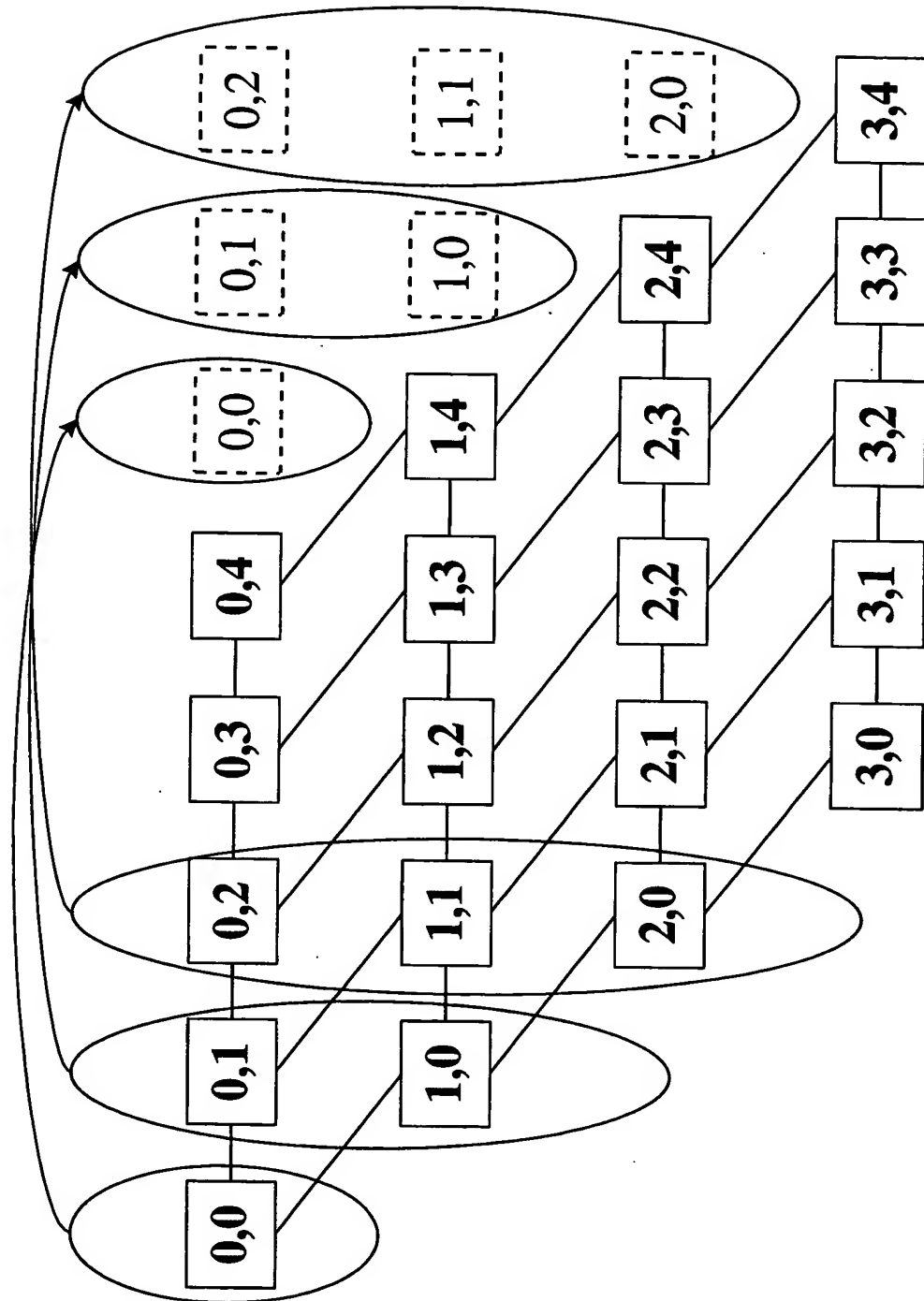


FIG. 13

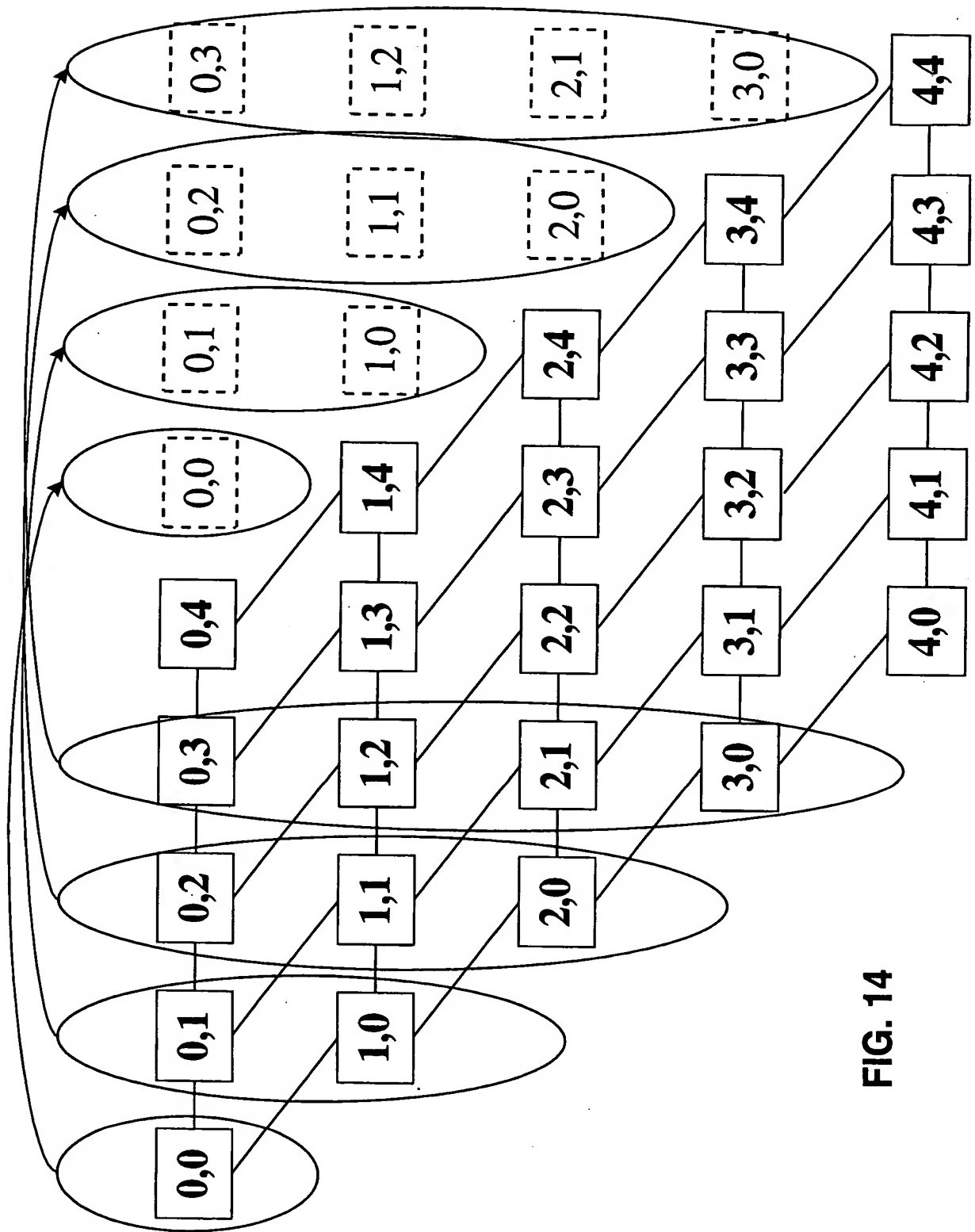


FIG. 14

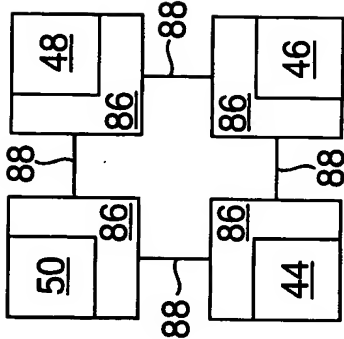
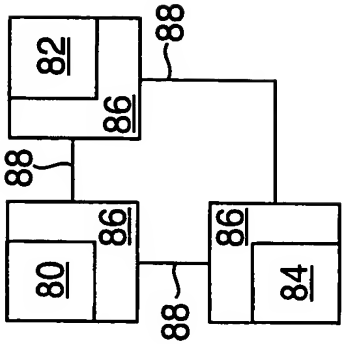


FIG. 15B

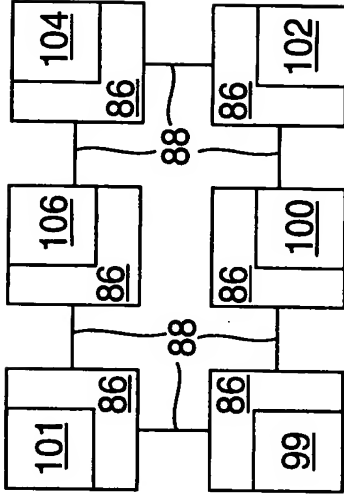
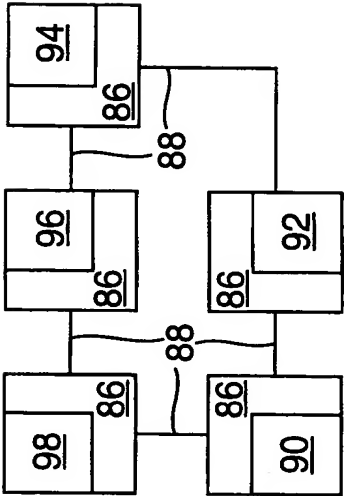
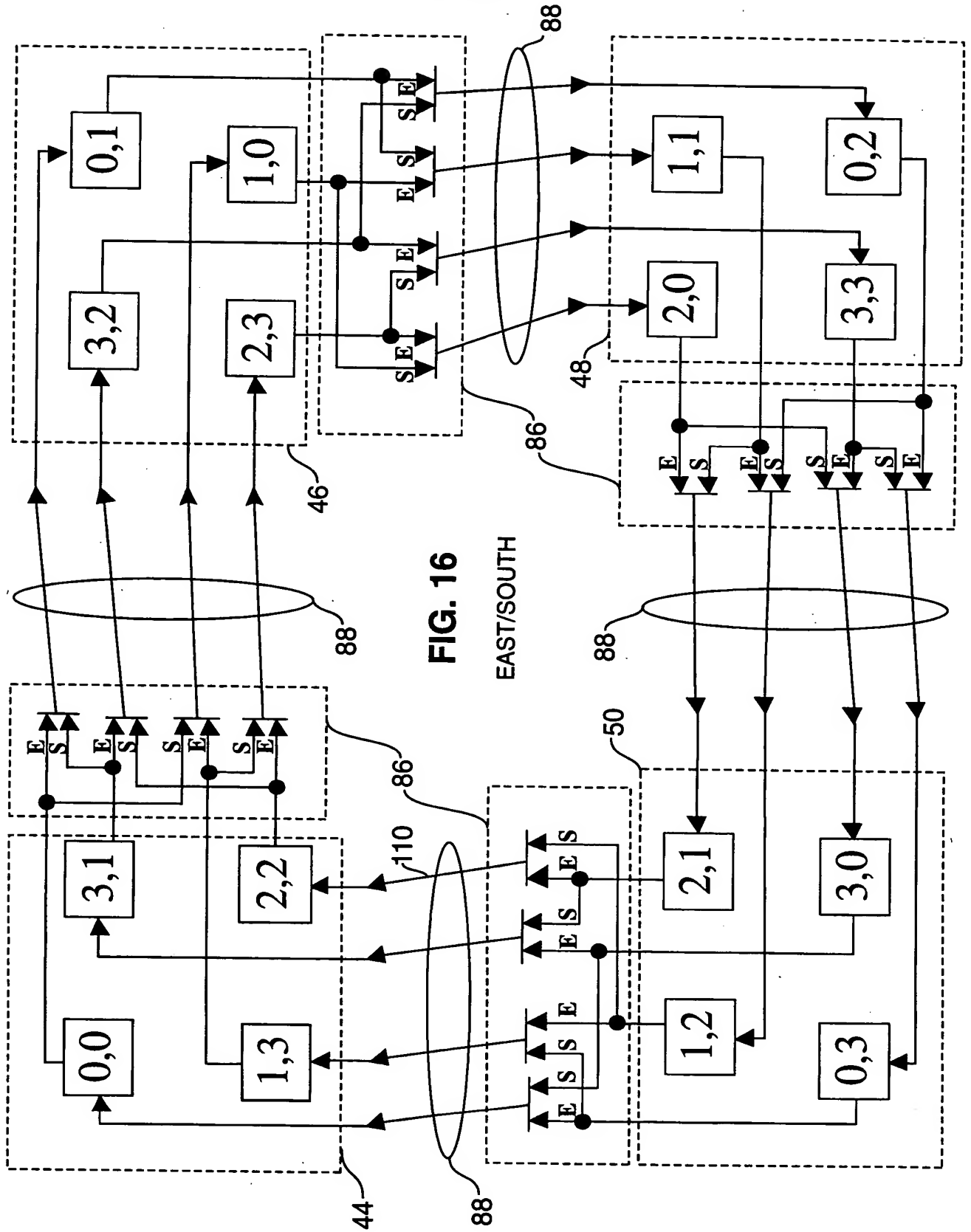
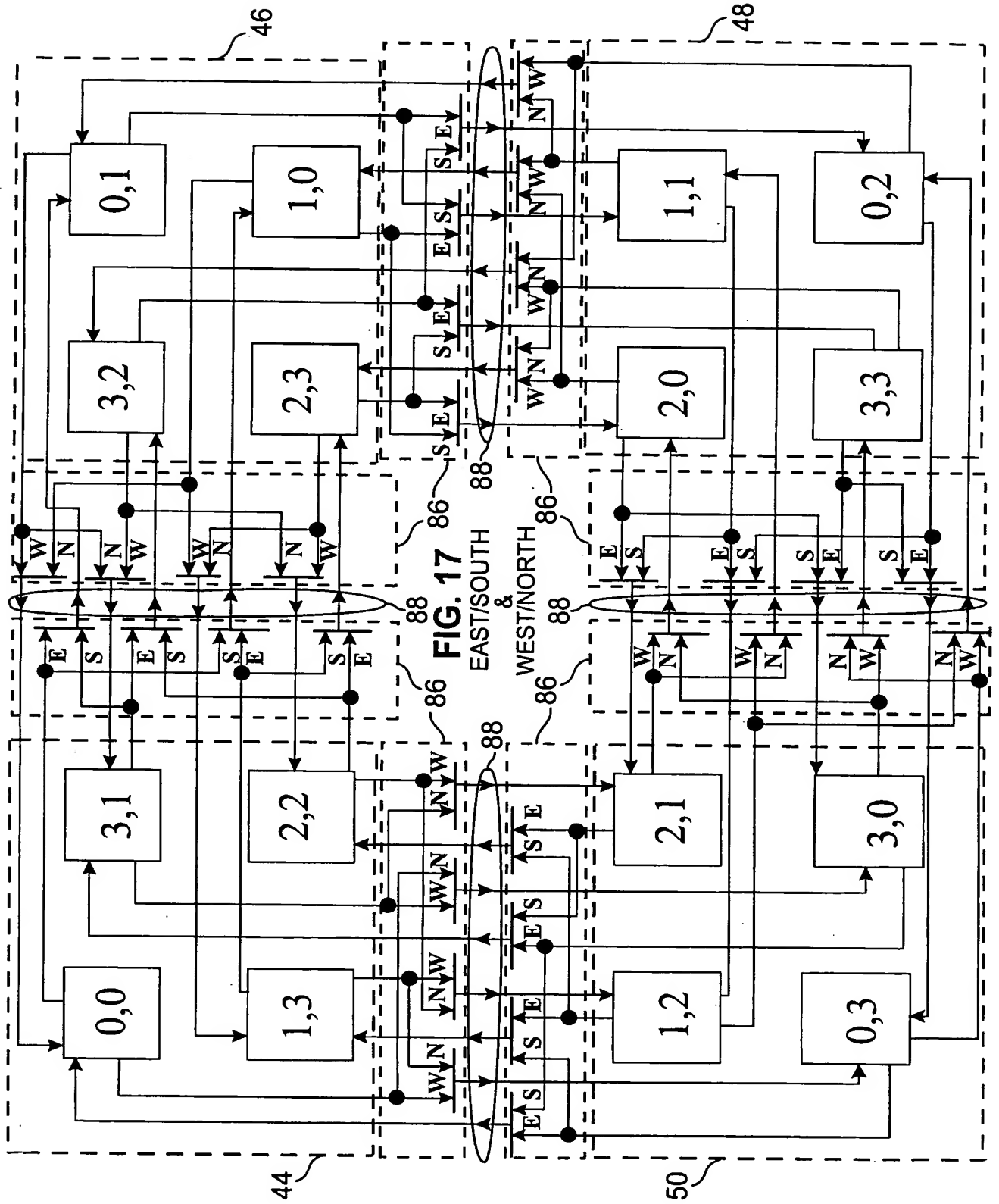


FIG. 15D





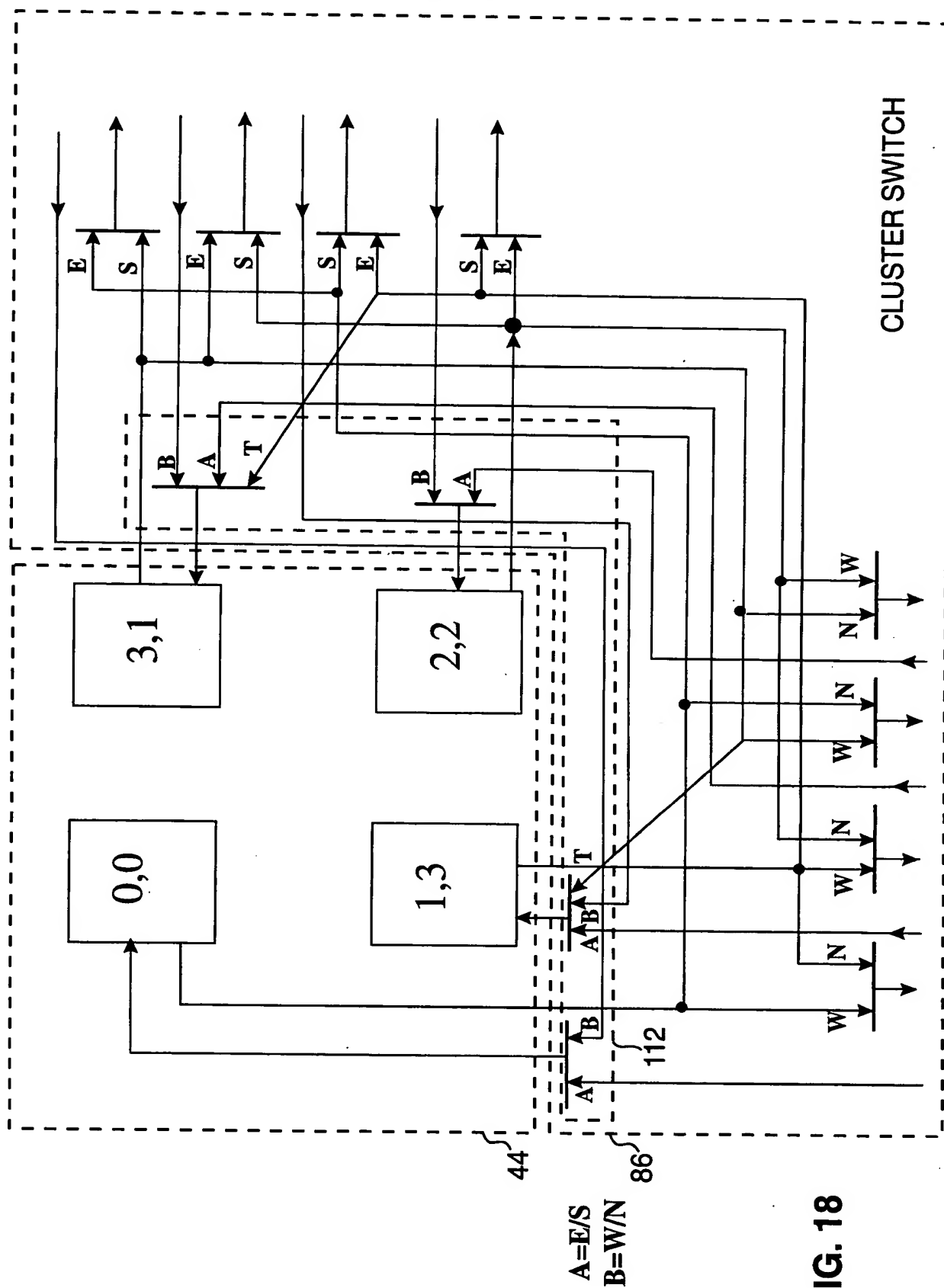
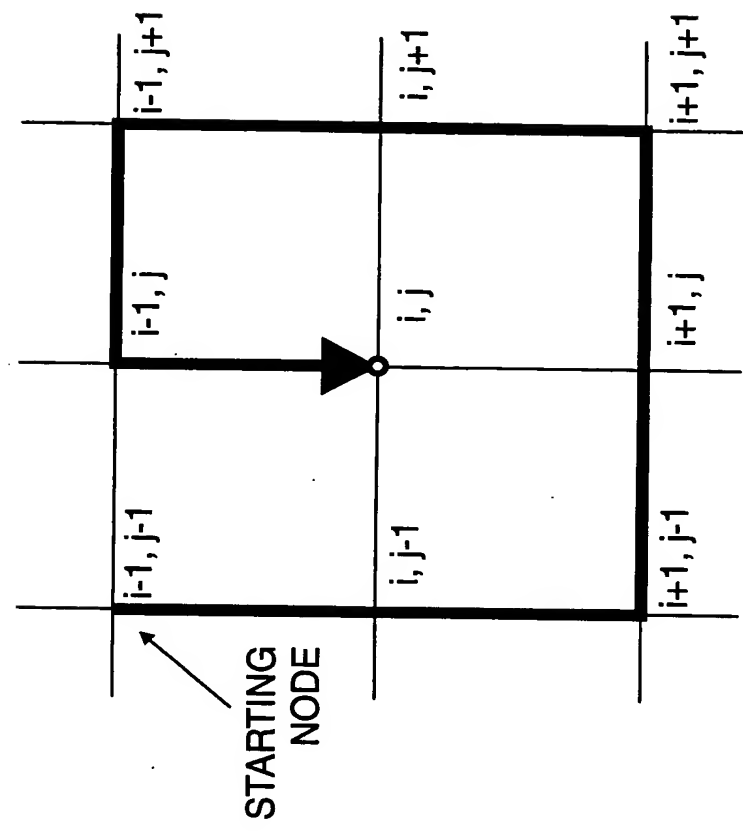


FIG. 18

$W_{0,0}$ $W_{0,1}$ $W_{0,2}$
 $W_{1,0}$ $W_{1,1}$ $W_{1,2}$
 $W_{2,0}$ $W_{2,1}$ $W_{2,2}$
 CONVOLUTION WINDOW

FIG. 19A



CONVOLUTION PATH FOR NODE i, j
FIG. 19B

P0,0 P0,1 P0,2 P0,3 P0,4 P0,5 P0,6 P0,7

P1,0

P2,0

P3,0

P4,0

P5,0

P6,0

P7,0

P4,4 P4,5 P4,6 P4,7
P5,4 P5,5 P5,6 P5,7
P6,4 P6,5 P6,6 P6,7
P7,4 P7,5 P7,6 P7,7

FIG. 19C

0,0 P4,4	0,1 P4,5	0,2 P4,6	0,3 P4,7
1,0 P5,4	1,1 P5,5	1,2 P5,6	1,3 P5,7
2,0 P6,4	2,1 P6,5	2,2 P6,6	2,3 P6,7
3,0 P7,4	3,1 P7,5	3,2 P7,6	3,3 P7,7

FIG. 19D

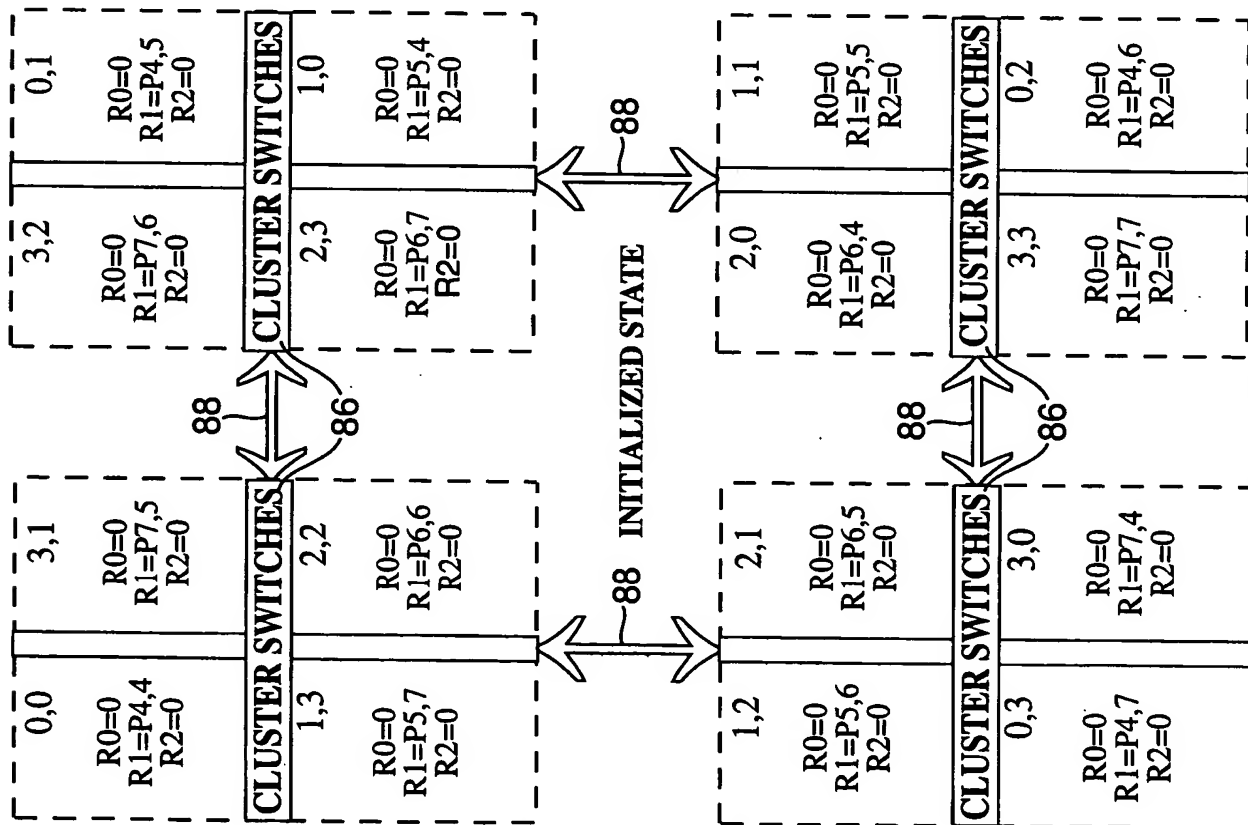


FIG. 20A

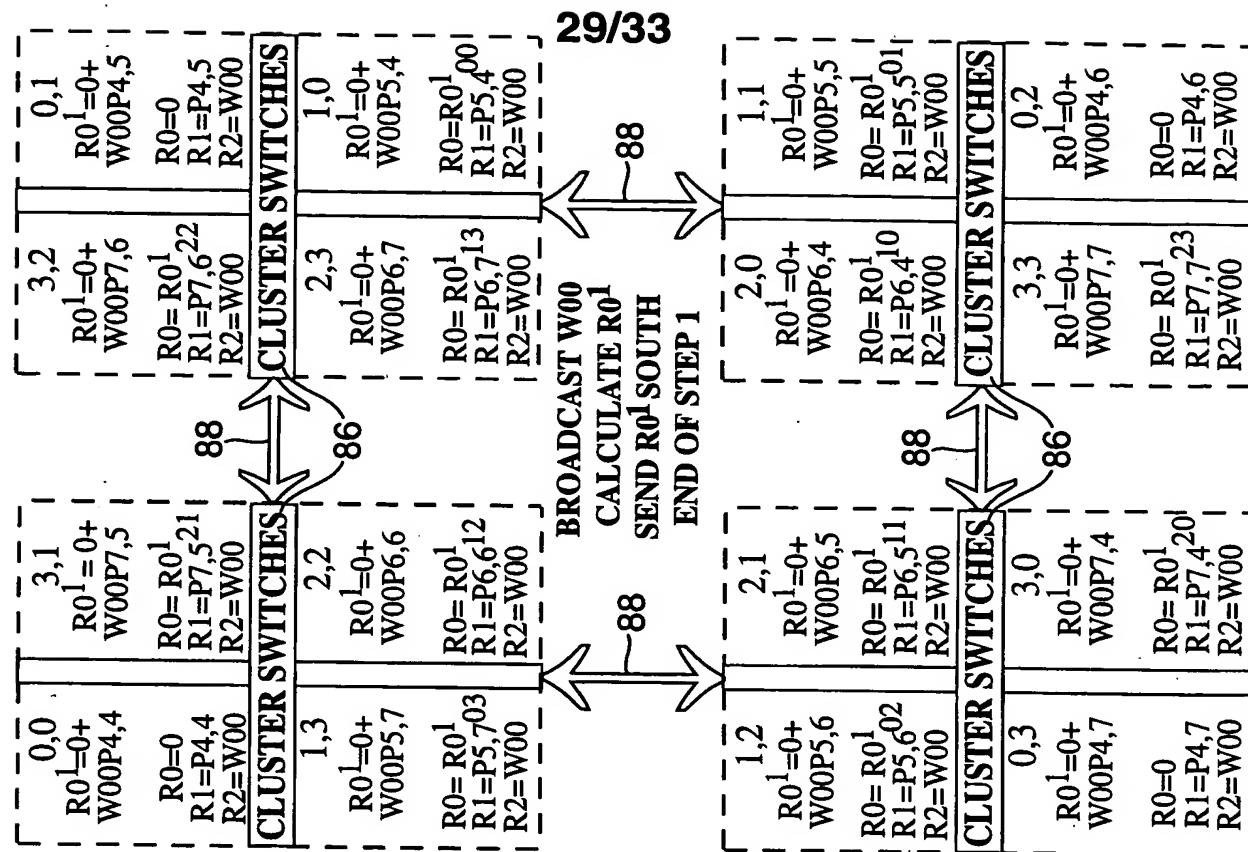
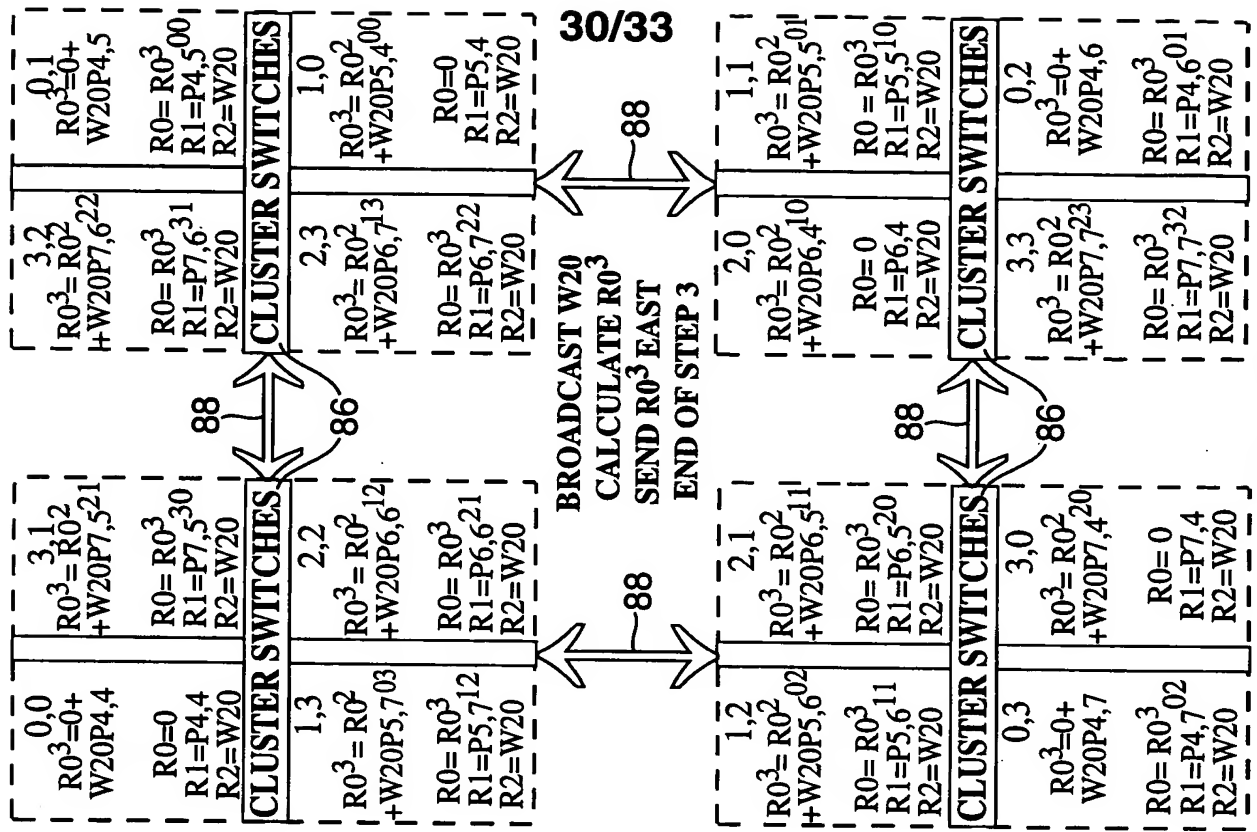
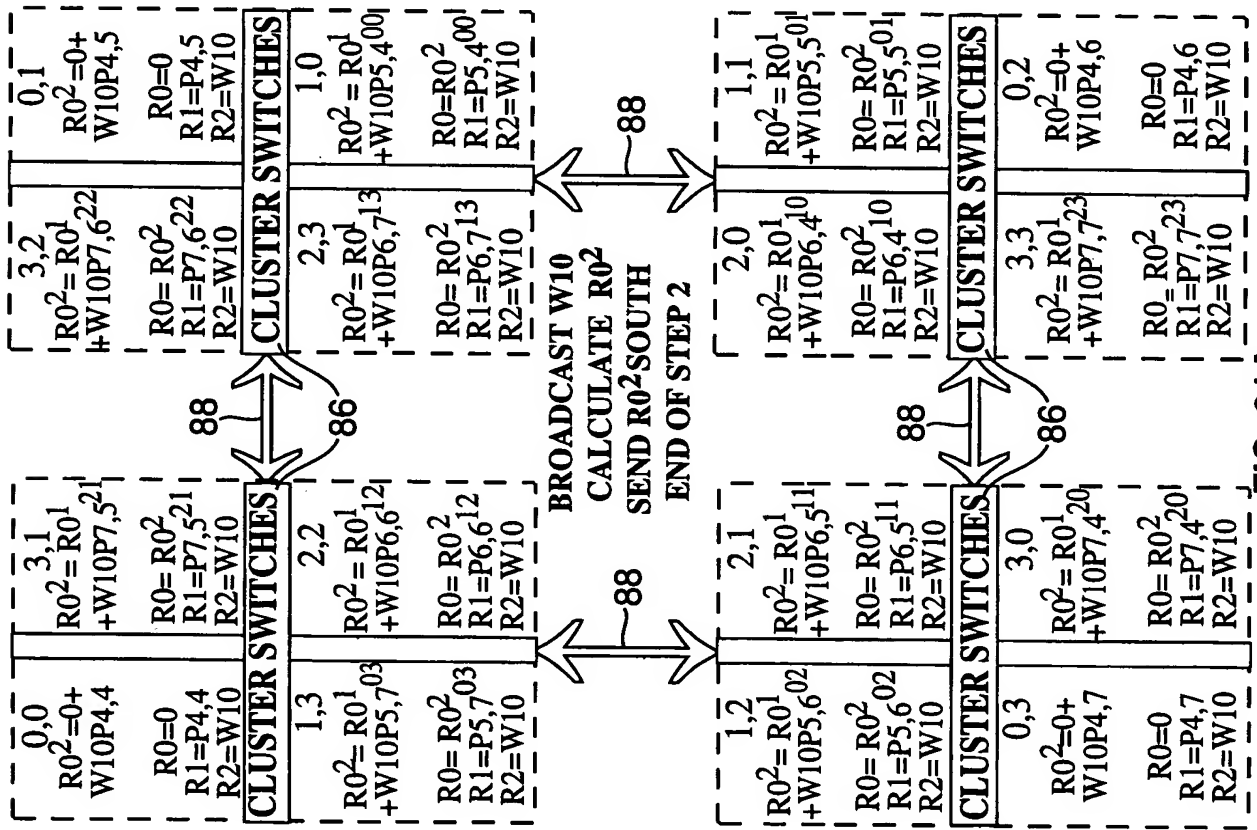
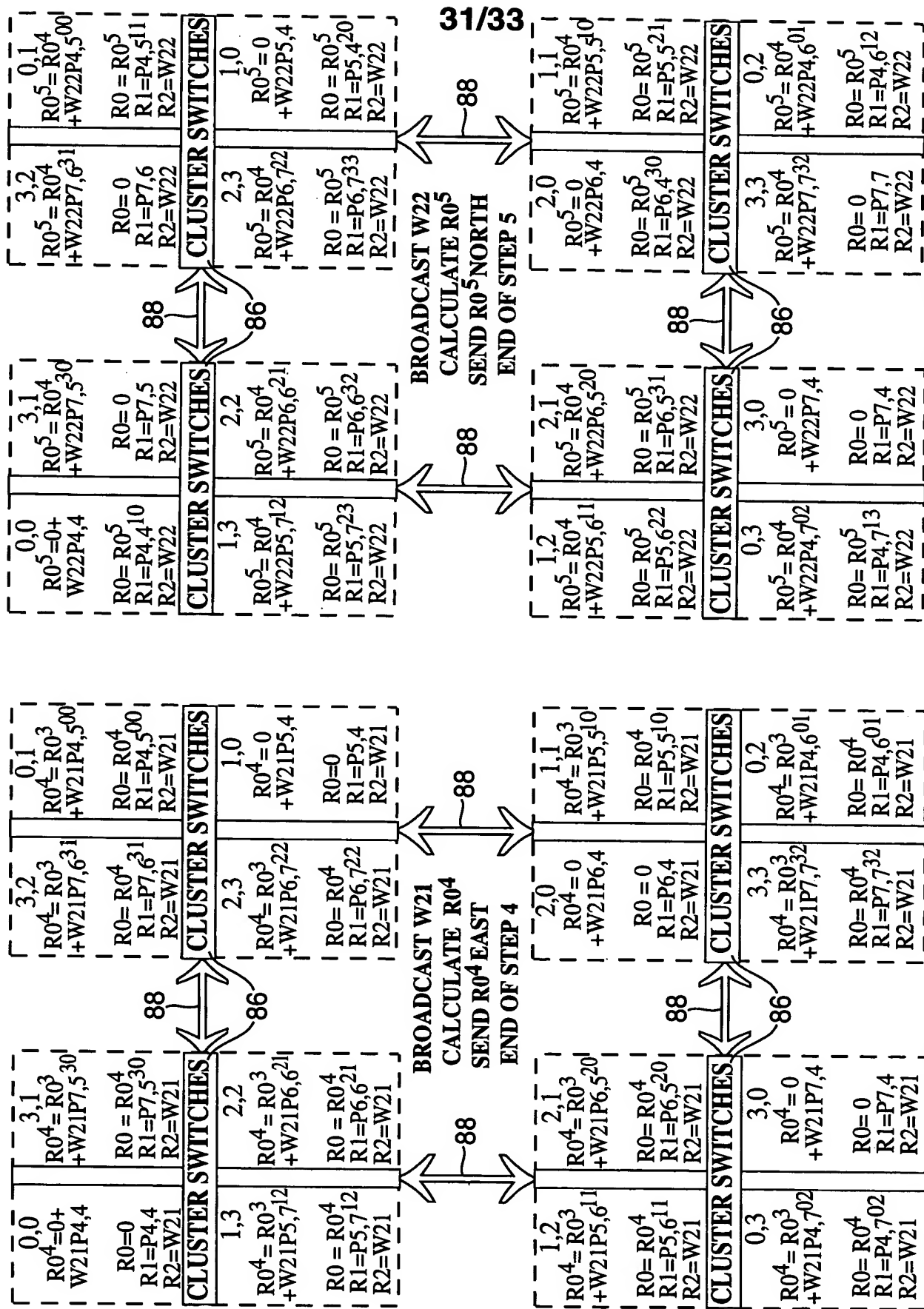


FIG. 20B





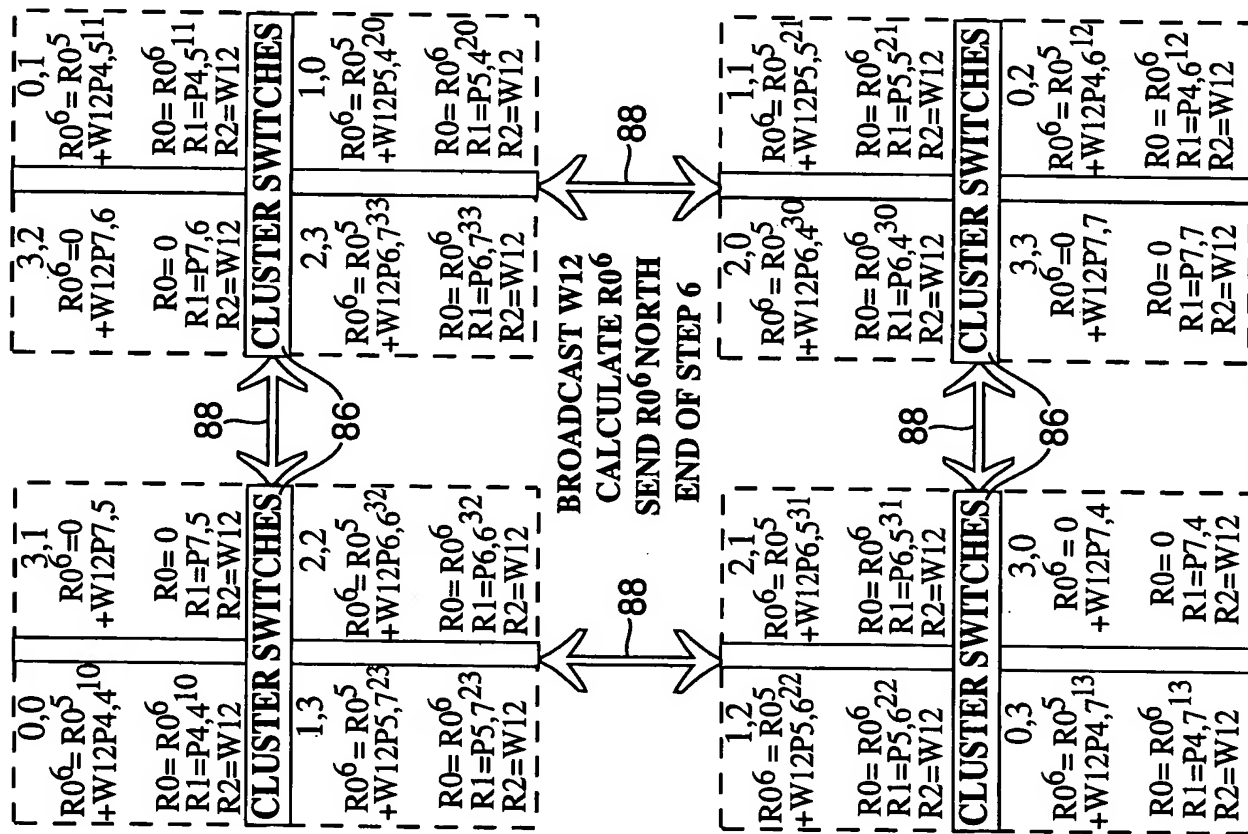


FIG. 23A

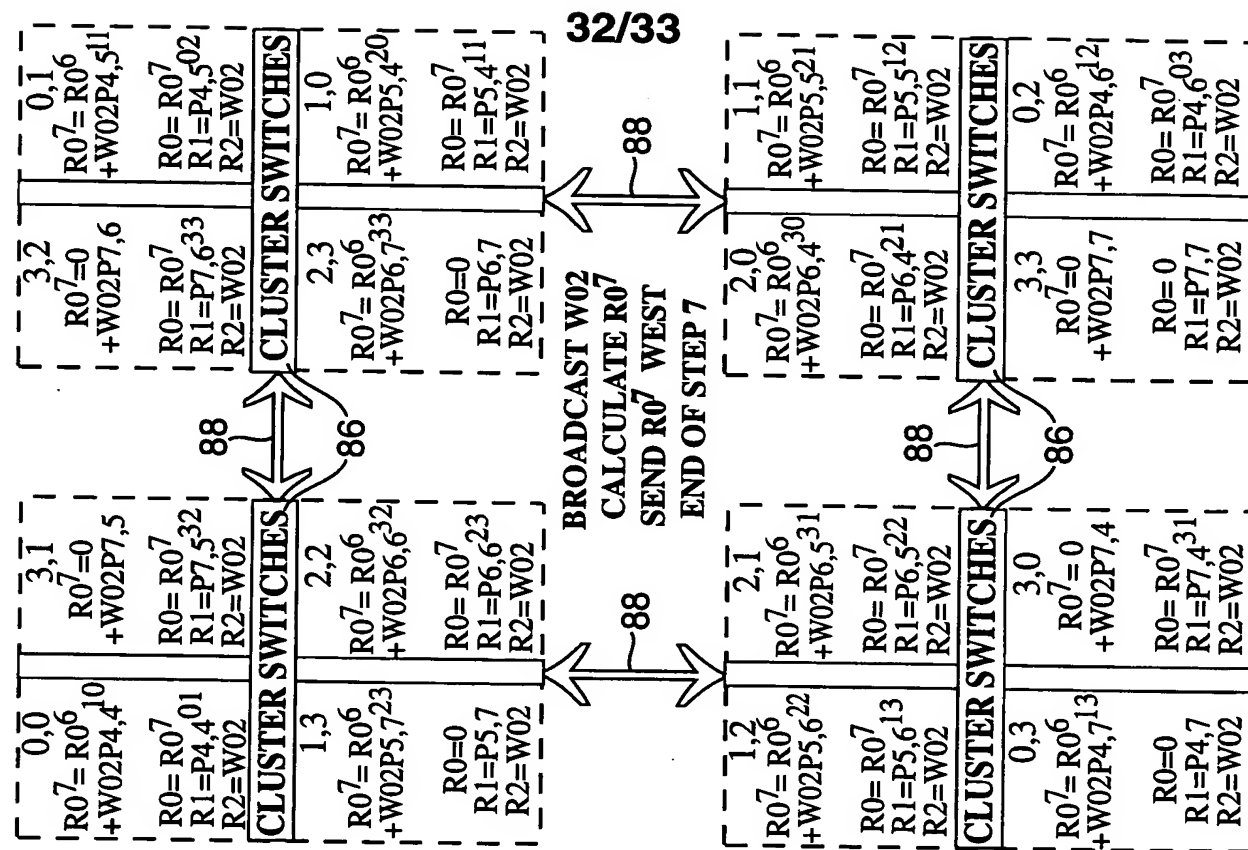


FIG. 23B

